VICUT



DIGITAL ROLL LABEL CUTTER

VR30X Pro

All-in-one blade cutter for in-house label finishing

PRODUCT PROFILE

VR30X Pro is an upgrade from VR30X, the upgraded tensioning shaft and more compact paper path design make the entire process of paper feeding, cutting, and rewinding smoother and more precise. The VICUT VR30X Pro is a blade finisher designed for commercial and in-house professional labels production. The roll label die cutting machine can be paired with a variety of full color label printers for a complete label printing and finishing solution. The label cutting machine features die cutting as well as inline lamination and slitting for a full production work-flow, perfect for on-demand label production including cannabis labels, cosmetic labels, custom water bottle labels, stickers, etc.

MAIN FEATURES

- All-in-one web guide system including laminating,die cutting,slitting,wasting,rewinding.
- HD LCD touch screen,human-computer interaction is more convenient.
- Easy-to-use CutStudio cutting center, compatible with AI/CDR plugin.
- USB/U disk/Ethernet/WiFi, multi-mode file transfer.
- Edge sensor correction slitting system, easy rewinding for next works steps.
- QR code registration system, available for job exchange function.
- The upgraded tension shaft makes paper feeding smoother and cutting more precise.
- CCD camera scan device.
- Blank cut and contour cut.

APPLICATION&SAMPLES

Applicable Industry

VR30X Pro roll to roll label finisher is mainly used for small volume on-demand label production including blank labels, ink labels, chemical labels, beverage labels, bottled water labels, chili source labels,coffee labels, cosmetic labels, home appliance label,toiletries label, gum label,wine labels and more.

Applicable Materials

Stickers, Paper, PP, BOPP, PET, PVC & More!


Beer Label


Beverage Labels


Black Tea Label


Chilli Sauce Labels


Cosmetic Labels


Nameplate

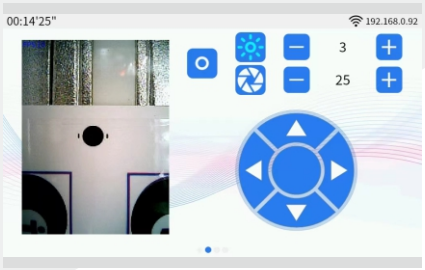

Red Wine Label


Non-printed labels

TECHNICAL PARAMETERS

MODEL	Digital Label Die Cutter VR30X Pro
Max.media width	330mm
Max.cutting width(blank label)	330mm
Max.contour cutting width	320mm
Maxi.label size (blank cutting& contour cutting)	330mm x 330mm & 330mm x 320mm
Mini.label size (contour cutting& blank cutting)	10*10mm
Motor	Servo motor
Scan device	CCD camera
Control panel	7 inch touchscreen
Registration marks	Dot mark+QR code
Functions	Laminating/Diecutting/Slitting/Wasting/Rewinding
Cutting speed	3m/minute(cut 7x15cm square)
Max.cutting force	750g
No. of slitting heads	4pcs (maximum 8pcs)
Maxi.dia.of paper feed roll	350mm
Maxi.dia. of film roll	150mm
Maxi. dia.of paper rewinding roll	300mm
Maxi.dia.of waste roll	300mm
File transfer mode	USB interface、Net interface、U disk and WiFi
Working voltage	100VAC-120VAC,200VAC-240VAC,50/60Hz
Consumption power	Max. 350W
Machine dimension	L 1086mm × W 819mm × H 1320mm
Package size	125*95*152cm
Gross/Net weight	293kg/380kg

DETAILS DESCRIPTION



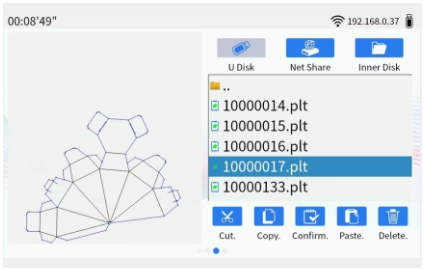
CCD camera

VR30X Pro die cutting machine adopts CCD camera to read the QR code on the printed files,to realize the job exchange function, so that users can print different jobs in one roll, to fulfill DIY label needs.



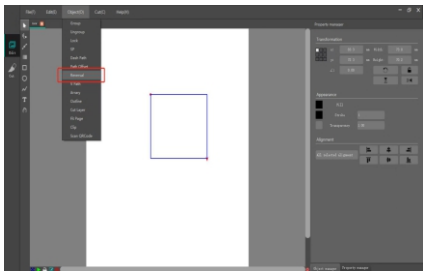
User friendly touch screen panel

7 inch touch screen operation panel, professional UI interface design, in line with user habits, operation is more convenient.



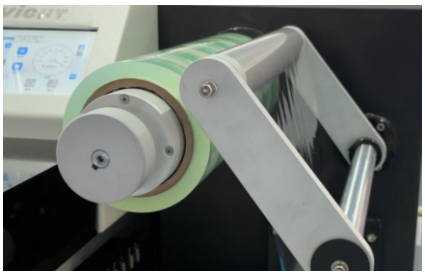
Multiple file transfer methods

VR30X Pro roll label cutter supports network and U disk/USB cable/WIFI/LAN/Internal disk for die cutting files transmission.



Easy-to-use software

Dedicated software CutStudio works with AI and CDR plugin, easy to adjust the offset, ending point, etc. to optimize the cutting file.



Laminating system

Automatic lamination before die cutting, makes finishing labels more durable and more widely application.



Die cutting center

The VR30X Pro adopts the commonly used plotter cutting type which is fast, low noise, easy to adjust pressure, and easy to install blades.



Automatic waste removal and tension system

Under the tension of the waste discharge system, the label cutting waste paper will be automatically removed and separated from the winding, so as to obtain a clean label roll for the next process.



Edge sensor correction slitting system

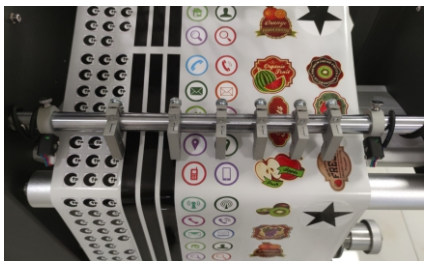
Two edge sensors used to detect media edge,make sure the slitting accuracy, convenient for next step jobs.It could automatically cut the label paper into small rolls as needed,up to 8pcs blades can be used.



Automatic rewinding system

After slitting,the rewinding roller will automatically rewind the finishing labels, ready for next step(labeling).

OPTIONAL FUNCTIONS



Slitting unit

The standard slitting units for VR30X Pro is 4pcs, user can choose the quantity of slitting blades as required, up to 8pcs. The slitting functions can be used alone, as slitting-only-mode.
Stainless steel blades, stable slitting the paper roll into small rolls for further processing

ACCESSORIES AND TOOLS



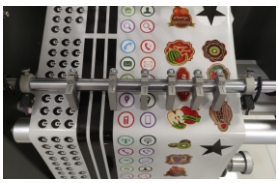
Blade holder

Precision blade holder, easy to install the blade and adjust the distance between the blade tips.



Die Cutting Blades

- Drag blade for standard films, script, masking film, etc. Cutting angle 30°, wedge angle 30°, Offset 0.25 mm, diameter 1mm.
- Drag blade for small fonts, stickers, thin paper, etc. Cutting angle 45°, wedge angle 30°, Offset 0.25mm,diameter 1mm.
- Drag blade for thick media.Cutting angle 60°, wedge angle 30°, Offset 0.25mm, diameter 1mm.



Slitting blades

Stainless steel blades, stable slitting the paper roll into small rolls for further processing.

PACKING PHOTOS





